Refine Search

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Terms	Documents
5686276.pn.	1

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DATE: Monday, February 27, 2006 Printable Copy Create Case

Set Nam side by side		Hit Count	Set Name result set
DB=U	JSPT; PLUR=YES; OP=OR	R	
<u>L5</u>	5686276.pn.	1	<u>L5</u>
<u>L4</u>	laffend.in.	4	<u>L4</u>
<u>L3</u>	L1 and (ATCC deposit)	1	<u>L3</u>
<u>L2</u>	L1 and ATCC deposit	210183	<u>L2</u>
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END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 4 of 4 returned.

1. Document ID: US 6514733 B1

L4: Entry 1 of 4 File: USPT Feb 4, 2003

US-PAT-NO: 6514733

DOCUMENT-IDENTIFIER: US 6514733 B1

TITLE: Process for the biological production of 1,3-propanediol with high titer

DATE-ISSUED: February 4, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Emptage; Mark Wilmington DE Haynie; Sharon L. Philadelphia PA Laffend; Lisa A. Claymont DEPucci; Jeff P. Pacifica CA Belmont Whited; Gregory CA

US-CL-CURRENT: 435/158; 435/155, 435/252.33

Full Title Citation Front	Review Classification D)ate Reference	Claims	KMMC Drawn Desc Imag
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2. Document ID: US 6428767 B1

L4: Entry 2 of 4 File: USPT Aug 6, 2002

US-PAT-NO: 6428767

DOCUMENT-IDENTIFIER: US 6428767 B1

TITLE: Method for identifying the source of carbon in 1,3-propanediol

DATE-ISSUED: August 6, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Burch; Robert R. Exton PA Dorsch; Robert R. Hockessin DE Laffend; Lisa Anne Claymont DE Nagarajan; Vasantha Wilmington DE Nakamura; Charles Claymont DE

US-CL-CURRENT: 424/1.37; 250/281, 250/282, 424/1.11, 435/6, 435/93

Full Title Citation	Front Review C	lassification Date	Reference	Claims	KAMIC - Drawn Desc	ma
				•		

L4: Entry 3 of 4

File: USPT

Feb 15, 2000

US-PAT-NO: 6025184

DOCUMENT-IDENTIFIER: US 6025184 A

TITLE: Bioconversion of a fermentable carbon source to 1,3-propanediol by a single

microorganism

DATE-ISSUED: February 15, 2000

INVENTOR-INFORMATION:

CITY STATE ZIP CODE COUNTRY NAME

Laffend; Lisa Anne Wilmington DE Nagarajan; Vasantha Wilmington DE Nakamura; Charles Edwin Claymont DE

US-CL-CURRENT: 435/252.33; 435/252.3, 435/320.1

Full Title Citation Front Review Classification I	Date Reference	Claims KMC Draw Desc Ima
4. Document ID: US 5686276 A		
L4: Entry 4 of 4	File: USPT	Nov 11, 1997

US-PAT-NO: 5686276

DOCUMENT-IDENTIFIER: US 5686276 A

TITLE: Bioconversion of a fermentable carbon source to 1,3-propanediol by a single

microorganism

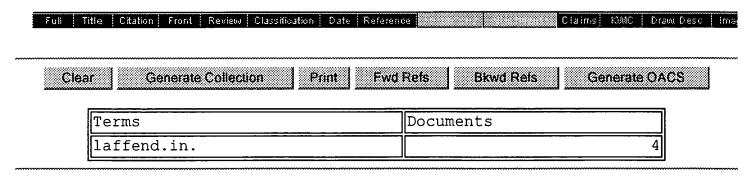
DATE-ISSUED: November 11, 1997

INVENTOR-INFORMATION:

CITY ZIP CODE NAME STATE COUNTRY

Laffend; Lisa Anne Wilmington DE Wilmington DE Nagarajan; Vasantha Nakamura; Charles Edwin Claymont DE

US-CL-CURRENT: 435/158; 435/252.31, 435/252.33



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Search Results -

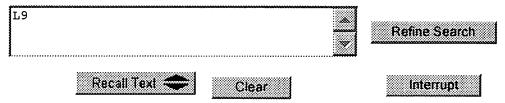
Terms	Documents
L8 and L7	1

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Database:



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DATE: Monday, February 27, 2006 Printable Copy Create Case

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<u>L8</u>	burch.in.	720	<u>L8</u>
<u>L7</u>	L5 and (dhaB1 and dhaB2 and dhaT)	7	<u>L7</u>
<u>L6</u>	L5 and (dhaB1 and DhaB2 and dhaB3)	7	<u>L6</u>
<u>L5</u>	L4 and (citrobacter)	447	<u>L5</u>
<u>L4</u>	L3 and (Klebsiella)	2869	<u>L4</u>
<u>L3</u>	L2 and (diol dhydratase enzyme)	95465	<u>L3</u>
<u>L2</u>	L1 and (glycerol dehydratase enzyme)	116760	<u>L2</u>
<u>L1</u>	(1,3-propanediol production)	792692	<u>L1</u>

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 7 of 7 returned.

1. Document ID: US 6953684 B2

L7: Entry 1 of 7 File: USPT Oct 11, 2005

US-PAT-NO: 6953684

DOCUMENT-IDENTIFIER: US 6953684 B2

TITLE: Method for the recombinant production of 1,3-propanediol

DATE-ISSUED: October 11, 2005

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Dunn-Coleman; Nigel Los Gatos CA
Diaz-Torres; Maria San Mateo CA
Chase; Matthew W. Chesterfield MO
Trimbur; Donald Redwood City CA

US-CL-CURRENT: 435/252.3; 435/158, 435/252.33, 435/254.2, 530/350, 530/824, 536/23.2,

536/23.7

Full Title Citation Front	ste Reference	0	aims KWMC Draw Desc Ima

2. Document ID: US 6803218 B1

L7: Entry 2 of 7 File: USPT Oct 12, 2004

US-PAT-NO: 6803218

DOCUMENT-IDENTIFIER: US 6803218 B1

TITLE: Enzymes which dehydrate glycerol

DATE-ISSUED: October 12, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Seyfried; Markus Silver Springs MD Wiegel; Juergen Athens GA Whited; Gregory Belmont CA

US-CL-CURRENT: 435/158

ms KMC Draw Desc ims

3. Document ID: US 6514733 B1

L7: Entry 3 of 7 File: USPT Feb 4, 2003

US-PAT-NO: 6514733

DOCUMENT-IDENTIFIER: US 6514733 B1

TITLE: Process for the biological production of 1,3-propanediol with high titer

DATE-ISSUED: February 4, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

DE Emptage; Mark Wilmington Haynie; Sharon L. Philadelphia PA Laffend; Lisa A. Claymont DE Pucci; Jeff P. Pacifica CA Whited; Gregory Belmont CA

US-CL-CURRENT: 435/158; 435/155, 435/252.33

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4. Document ID: US 6432686 B1

L7: Entry 4 of 7 File: USPT Aug 13, 2002

US-PAT-NO: 6432686

DOCUMENT-IDENTIFIER: US 6432686 B1

TITLE: Method for the production of 1,3-propanediol by recombinant organisms comprising

genes for vitamin B12 transport

DATE-ISSUED: August 13, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Bulthuis; Ben A. Hoofddorp NL

Whited; Gregory M. Belmont CA Trimbur; Donald E. Redwood City CA Gatenby; Anthony A. Wilmington DE

US-CL-CURRENT: 435/158; 435/252.3, 435/320.1

Ĭ	Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	KAME	Draw Desc	emi
		 5	Docume	ent ID:	US 64	28767 B1	•••••	***************************************	 	***************************************	***************************************	***************************************	************

5. Document ID: US 0428/6/ B1

Aug 6, 2002 L7: Entry 5 of 7 File: USPT

US-PAT-NO: 6428767

DOCUMENT-IDENTIFIER: US 6428767 B1

TITLE: Method for identifying the source of carbon in 1,3-propanediol

DATE-ISSUED: August 6, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Burch; Robert R. Exton PA Dorsch; Robert R. Hockessin DE

Laffend; Lisa Anne Nagarajan; Vasantha Nakamura; Charles Claymont Wilmington Claymont

DE DE

DE

US-CL-CURRENT: $\underline{424/1.37}$; $\underline{250/281}$, $\underline{250/282}$, $\underline{424/1.11}$, $\underline{435/6}$, $\underline{435/93}$

Full Title Citation Front Review Classificati	on Date Reference	Claims KW	IC Draw Desc ima
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6. Document ID: US 6136576 A

L7: Entry 6 of 7

File: USPT

Oct 24, 2000

US-PAT-NO: 6136576

DOCUMENT-IDENTIFIER: US 6136576 A

TITLE: Method for the recombinant production of 1,3-propanediol

DATE-ISSUED: October 24, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Diaz-Torres; Maria San Mateo CA
Dunn-Coleman; Nigel S Los Gatos CA
Chase; Matthew W. Belmont CA
Trimbur; Donald Redwood City CA

US-CL-CURRENT: 435/158; 435/232, 530/350, 536/23.1, 536/23.2, 536/23.7

Full Title Citation Front	Review Classification Date Re	ference Claims	KMMC Drawn Desc Ima
	***************************************	***************************************	

7. Document ID: US 6013494 A

L7: Entry 7 of 7

File: USPT

Jan 11, 2000

US-PAT-NO: 6013494

DOCUMENT-IDENTIFIER: US 6013494 A

TITLE: Method for the production of 1,3-propanediol by recombinant microorganisms

DATE-ISSUED: January 11, 2000

INVENTOR-INFORMATION:

CITY	STATE	ZIP CODE	COUNTRY
Claymont	DE		
Wilmington	DE		
Redwood City	CA		•
Mountain View	CA		
Philadelphia	PA		
San Mateo	CA		
Redwood City	CA		
Belmont	CA		
Wilmington	DE		
Wilmington	DE		
Landenberg	PA		•
Wilmington	DE		
	Claymont Wilmington Redwood City Mountain View Philadelphia San Mateo Redwood City Belmont Wilmington Wilmington Landenberg	Claymont DE Wilmington DE Redwood City CA Mountain View CA Philadelphia PA San Mateo CA Redwood City CA Belmont CA Wilmington DE Wilmington DE Landenberg PA	Claymont DE Wilmington DE Redwood City CA Mountain View CA Philadelphia PA San Mateo CA Redwood City CA Belmont CA Wilmington DE Wilmington DE Landenberg PA

US-CL-CURRENT: 435/158; 435/252.3, 435/252.33, 435/254.21, 435/69.1

Full Title Citation Front Review Classification Date Reference	Claims KMC Draw Desc ima
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